

What is claimed is:

1. A device for making electrical contact, which comprises:
a control unit having at least one first contact element; and
5 a valve block housing having at least one second contact element, wherein
the control unit includes an end face region that faces towards the valve block and
the at least one second contact element of the valve block housing corresponds in
a one-to-one relationship to the at least one first contact element of the control
unit to provide a direct electrical contact when interconnected.
10
2. The device according to Claim 1, wherein the control unit includes
an electronic control unit.
3. The device according to Claim 2, wherein the electronic control unit
15 includes at least one solenoid.
4. The device according to Claim 1, wherein the control unit includes
at least one solenoid, having a first end portion and a second end portion with an
annular surface located on the second end portion of the at least one solenoid with
20 the at least one first contact element located on the at least one solenoid, and the
valve block housing, having side walls with the at least one second contact
element located on the side walls, wherein the valve block housing includes
tubular frames projecting from the side walls of the valve block housing with the
annular surface located on the second end portion of the at least one solenoid is
25 engageably attached to the tubular frames projecting from the side walls of the
valve block housing when the at least one first contact element and the at least one
second contact element are electrically interconnected.

5. The device according to Claim 1, wherein the at least one second contact element includes at least one electrical connector for controlling the operation of the valve block housing.

5 6. The device according to Claim 1, wherein the valve block housing, having at least one side wall with the at least one second contact element located on the at least one side wall and the control unit includes an electronic control unit, wherein the at least one second contact is an electrical connector for operating valves within the valve block housing with the electronic control unit.

10

7. The device according to Claim 6, wherein the electronic control unit is integrated within the valve block housing.

8. The device according to Claim 6, wherein the electronic control unit is
15 removedly attached to an upper portion of the at least one side wall of the valve block housing.

9. The device according to Claim 6, further including a cable run that extends between the at least one second contact element located in the at least one
20 side wall of the valve block housing and a central plug-in unit of the valve block housing.

10. The device according to Claim 9, wherein the cable run includes cables that are connected to a common reference potential emanating from the at least
25 one second contact element of the valve block housing and connected to the central plug-in unit of the valve block housing.

11. The device according to Claim 4, wherein the at least one first contact element includes at least one contact pin that projects axially from the second end

portion of the solenoid and engage at least one second contact element located in the at least one side wall of the valve block housing.

12. The device according to Claim 4, wherein the at least one first contact
5 element includes at least one contact pin that projects axially from the second end portion of the solenoid and engage at least one second contact element that includes at least one receptacle located in the at least one side wall of the valve block housing, wherein the at least one contact pin can engage the at least one receptacle in a corresponding manner.

10

13. The device according to Claim 3, wherein the solenoid includes:
a hollow cylindrical winding support having a winding receptacle for
accommodating a winding of wire, wherein ends of the winding of wire are
connected to the at least one first contact elements, which includes at least one
15 contact pin, wherein the at least one contact pin is accessible from outside of the solenoid and is attached to an inner end of the winding receptacle, wherein the inner end of the winding receptacle is connected to the end of the winding of wire.

14. The device according to Claim 13, wherein the winding of wire
20 encircles a winding support.

15. The device according to Claim 14, wherein the winding support is
circumferentially enclosed by a housing sleeve.

25 16. The device according to Claim 14, further includes a housing sleeve that encloses the winding support, wherein the housing sleeve includes an open face end having a circular plate with at least one opening that corresponds to the at least one first contact element.

17. The device according to Claim 16, further includes a circular seal that is located between the circular plate and the housing sleeve.

18. A device for making electrical contact, which comprises:

5 electrically connecting an at least one first contact element of a control unit to at least one second contact element of a valve block housing, wherein the control unit includes an end face region that faces towards the valve block and the at least one second contact element of the valve block housing corresponds in a one-to-one relationship to the at least one first contact element of the control unit
10 to provide a direct electrical contact when interconnected.

15